

# Imperial County Environmental Justice Workshop

September 25, 2008 – DTSC Calexico Office

# Environmental Justice

***Environmental justice is defined in California law as “the fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies.”***

# Environmental Justice

***Department of Toxic Substances Control defines environmental justice as “equal application of environmental protection for all communities and citizens without regard to race, national origin or income.”***

[http://www.dtsc.ca.gov/GetInvolved/env\\_justice\\_policies.cfm](http://www.dtsc.ca.gov/GetInvolved/env_justice_policies.cfm)

# Meeting Dates

- **March 17, 2008**
  - Bus Tour and Introductory Workshop
  - Identification and prioritization of 16 sites
- **May 29, 2008**
  - Updates on sites
- **September 25, 2008**
  - Update and prioritization for additional investigations



# Site List

1. New River at 2<sup>nd</sup> St., Calexico
2. Homes on north bank of New River at Nosotros Park, Calexico
3. Vacant Lot at Kloke Rd. and Cole Rd., Calexico
4. Cattle Feed Lot at Heber
5. Ormat 1 at Heber
6. Rockwood Rd. and Correll Rd., Heber
7. Aten and Clark Rds., Imperial

# Site List

8. 9<sup>th</sup> St. and 'N' St., Imperial
9. Holly Sugar, Imperial
10. National Beef, Brawley
11. New River at Fredrick, Brawley
12. Main St. and Hwy 86, Brawley
13. Hwy 111 at old manure plant, Brawley
14. Calipatria Airport
15. Gibson Schaeffer Site
16. Cal Energy Sinclair Rd.

# First Sites

- **Calipatria Airport**
- **Geothermals**
  - (Ormat and Cal Energy)
- **Heber**
  - (Gibson & Schaeffer and Correll and Rockwood)
- **Imperial Industrial Zone**
  - (Aten and Clark Rd.)
- **Calexico New River**
- **Kloke and Maddox, Calexico**

# Inspections

- **Most sites investigated as complaints (hazardous materials or hazardous waste).**
- **Some sites also are part of DTSC inspection schedule.**
- **One site is undergoing cleanup as a result of previous DTSC actions.**



# Calipatria Airport Inspection

## Inspections in April and May 2008:

- **Nine violations**
  - Disposal of hazardous wastes
  - Unauthorized transporting of hazardous wastes
- **Total of 15 samples obtained during inspections.**

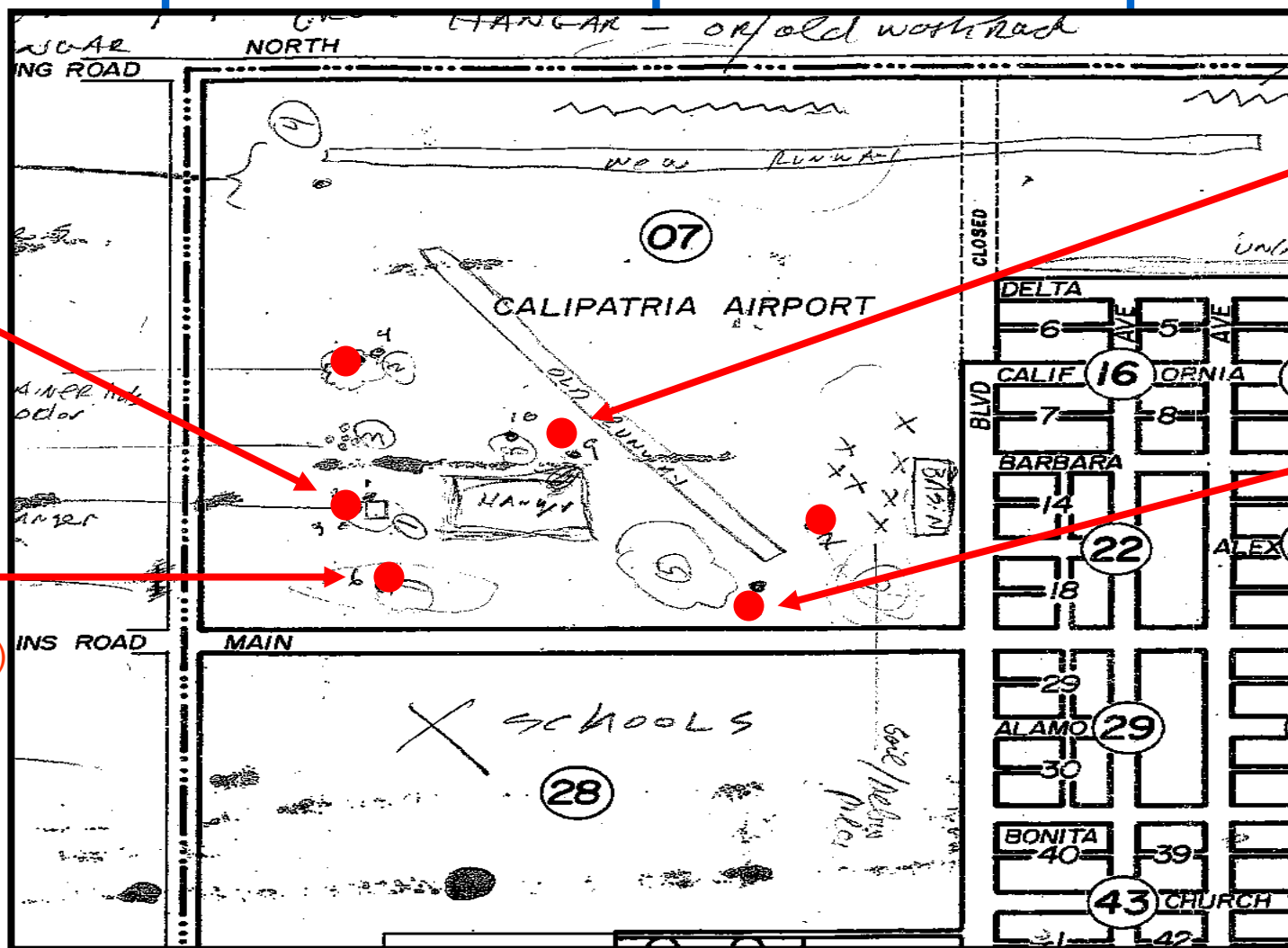
# Calipatria Airport Sampling

1) Toxicity  
failure for  
unknown  
substance;  
2) used  
motor oil

Toxicity  
failure for  
unknown  
substance

DDT, DDE  
1.1 mg/kg  
(1mg/kg limit)

DDT, DDE  
1 mg/kg  
(1 mg/kg limit)



# Calipatria Airport Interim Measures





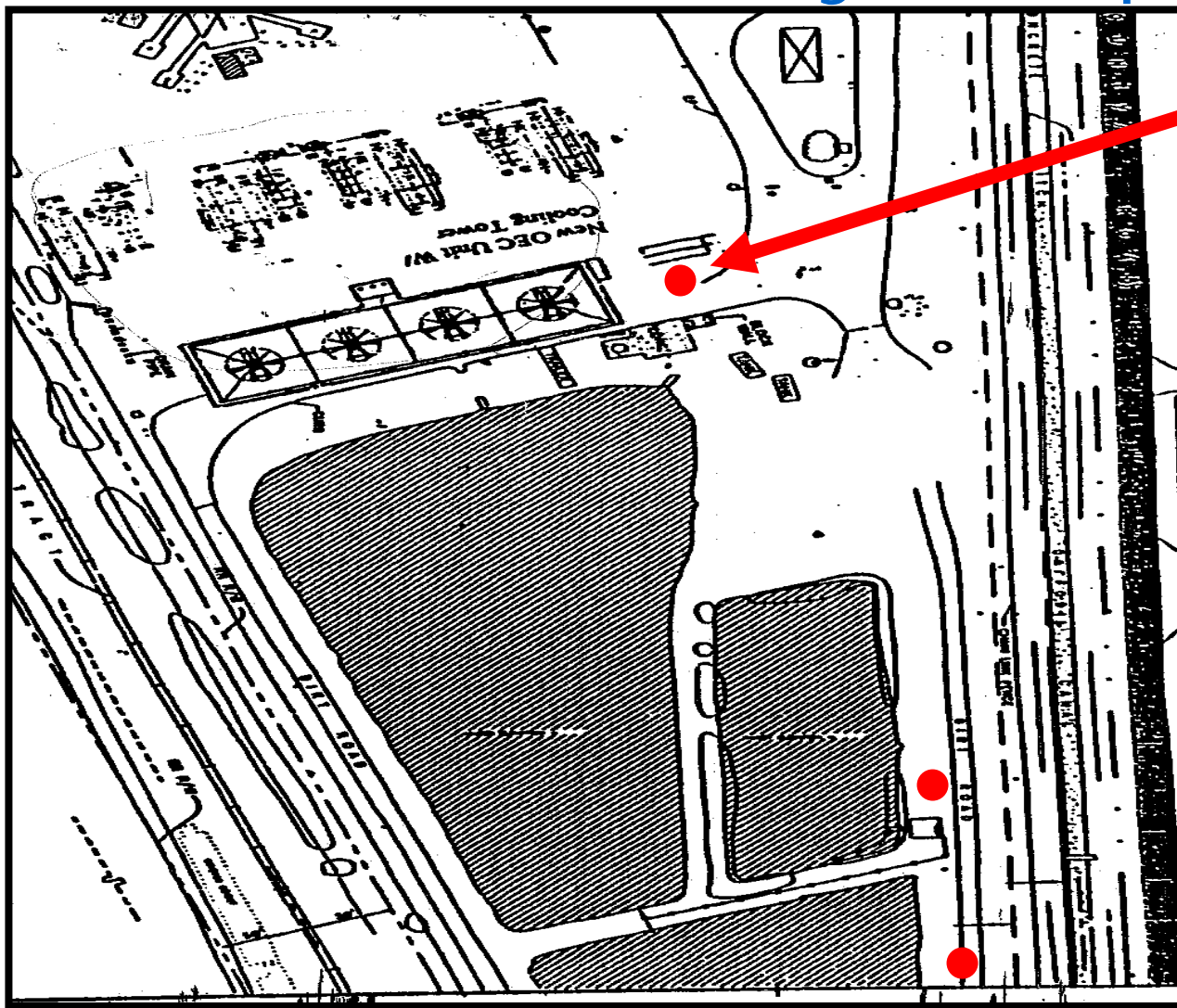
# Ormat Nevada Inc Heber Geothermal Facilities 1 & 2.



# Ormat Nevada Inc Heber Geothermal Facilities 1 & 2.

- Inspected April 2008
- Violations found:
  - \* Submit a separate Risk Management Plan (RMP) for each facility.
  - \* Must reevaluate the RMP worst case scenario for the release of chlorine & isopentane when the wind is blowing north.
  - \* Accurately label all the hazardous waste containers.
  - \* disposal of hazardous waste to ground
- Total of 3 samples obtained during inspection.

# Heber Ormat Facility Sampling



3300 mg/kg  
copper:  
violation  
(2500 limit)

# Cal Energy Geothermal Facilities

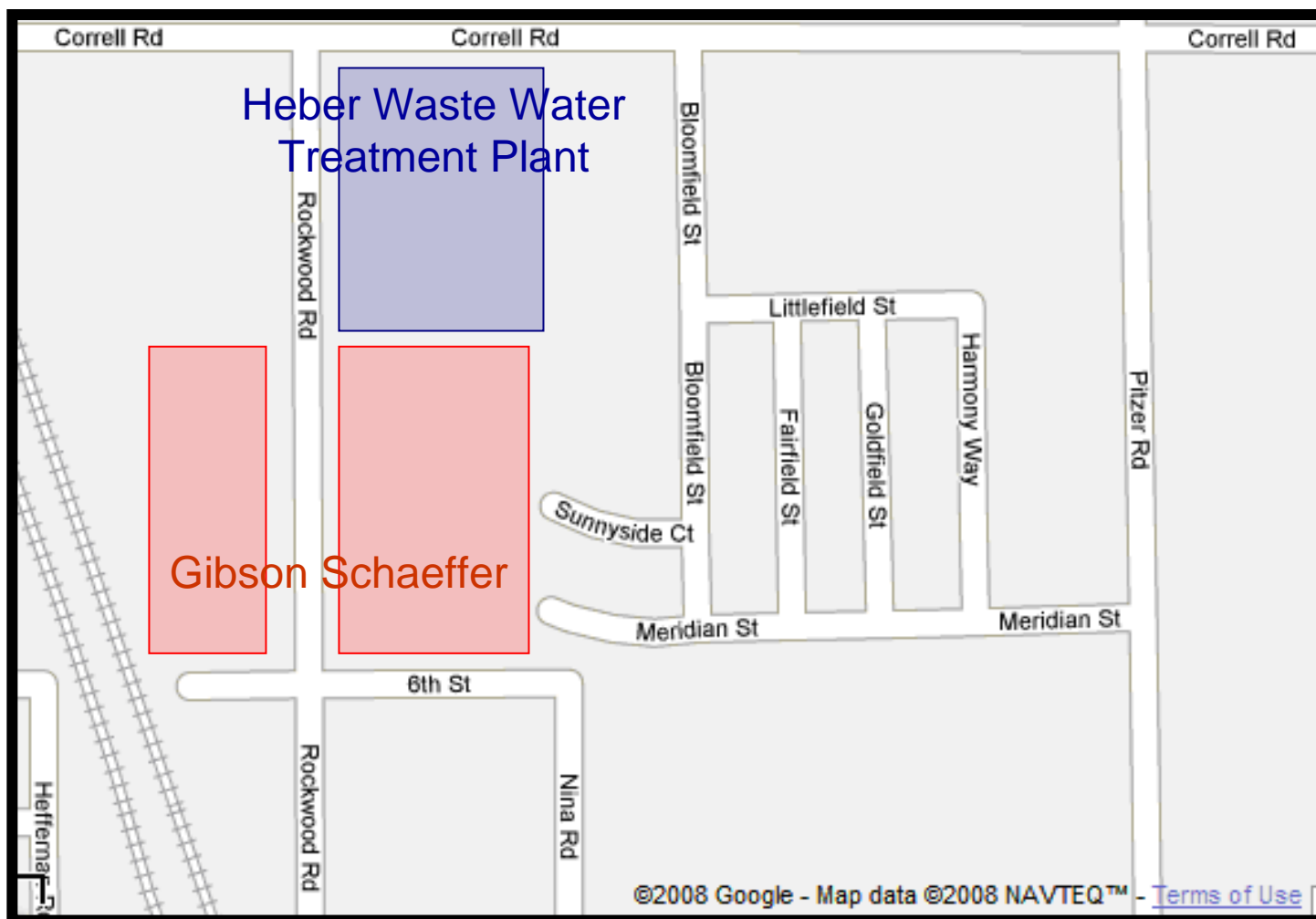
## 1. Inspected in 2000 and 2001.

- hazardous waste disposal
- illegal storage of hazardous waste
- training

2. Enforcement. Penalties: \$900,000.00

3. DTSC required cleanup at this site.

# Heber (Correll and Rockwood)

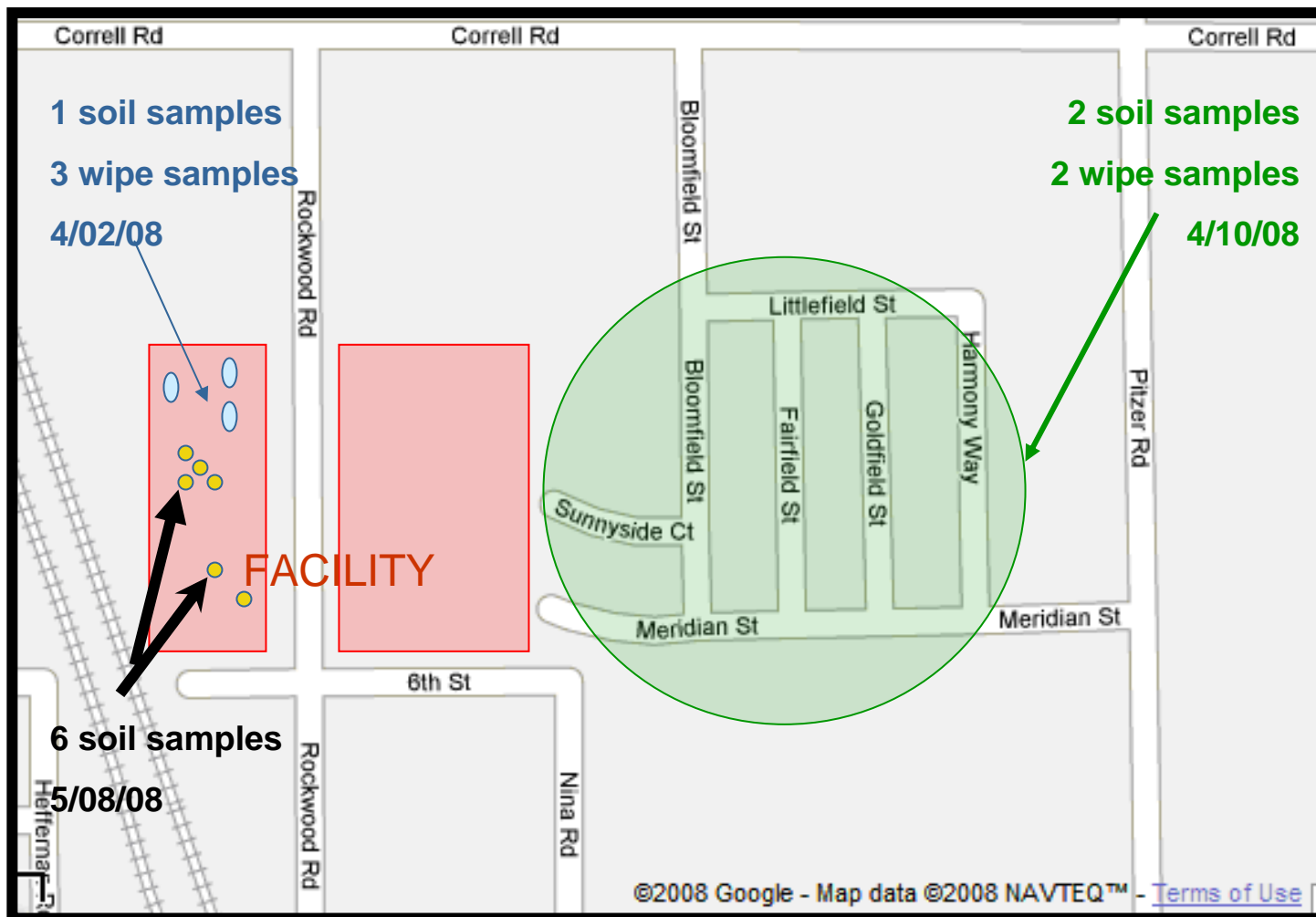




# Gibson & Schaeffer

- **Inspected April and May 2008**
- 14 samples
- 60 field screening samples
- Samples analyzed for:
  - Toxicity, metals, including CrVI, PCBs, and pesticides.

# 3 Sampling events at Correll and Rockwood



# Gibson & Schaeffer Sampling





# Gibson & Schaeffer Sampling

- Sample Results
  - Cr VI: range from .70 mg/kg to 6.9 mg/kg
    - Below regulatory limits
  - Pesticides (organophosphate & organochlorinated)
    - Below Regulatory limits
  - PCBs
    - ND
  - No toxicity characteristic failures
  - Other metals
    - Below regulatory limits

# Heber (Correll and Rockwood)

- September 2008 Inspection
- Heber Waste Water Treatment Plant
- No samples taken
- No violations cited
- *Also subject to CalARP*



# IMPERIAL INDUSTRIAL ZONE



- **Imperial Premix Company, Inc.**
- **Dune Company**
- **UAP Company**
- **Kinder Morgan**
- **N & 9<sup>th</sup> Street**



# Imperial Premix Company, Inc.

Seven samples were taken from a number of waste piles that are left from the operations at the facility.





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# Imperial Premix Company, Inc.

- **Seven Samples obtained**
- **Nine violations cited**

# CALEXICO NEW RIVER

- **DTSC has begun an investigation with the Border Patrol.**
- **DTSC has begun an investigation with the City of Calexico.**
- **Next Steps:**  
**Continue investigation**

# Kloke and Maddox



Kloke and  
Maddox Ave,  
Calexico

# Kloke and Maddox

- **One violation cited.**
- **No samples obtained.**

# Kloke and Maddox



Kloke and  
Maddox Ave,  
Calexico



# As a result of EJ inspections in Imperial County

- **7 total inspections**
- **24 total violations**
- **Total of 99 samples obtained and analyzed.**

# DTSC Contact Information

***DTSC Imperial CUPA***

***301 Heber Ave***

***Calexico, CA***

***760-768-7106***

***Hotline: 866-357-3990***